

REMARKS

Claims 26, 27, 28, 29, 30, 31, 32, 35, 41, 43, 45, and 48-51 are in this application.

Claims 33, 34, 36-40, 32 44 and 46 have been cancelled.

Claims 26 has been amended and claims 50 and 51 have been added. Support for the amendments to claim 26 and the addition of claims 50 and 51 is supported on, *inter alia*, pages 5-10 of the specification.

The Examiner has rejected claims 26-32, 35, 41, 43, 45, and 47-49 under 35 USC 112, first paragraph. This is respectfully traversed.

In view of the amendment of Claim 26 and the addition of claims 50 and 51 it is respectfully requested that this rejection be withdrawn. The amendments to Claim 26 provide antecedent basis for “the section length” in claims 48 and 49.

The Examiner has rejected Claim 35 under 35 USC 112, first paragraph as failing to comply with the enablement requirement. This is respectfully traversed.

According to the article from About.com Local foods there are about 600 varieties of strawberries. A number of strawberry varieties are shown in the printout from Unibase.ca and the ones that are included in claim 35 are indicated by an arrow. These are attached. Based on this it is clear that claim 35 is enabled.

Therefore, it is respectfully requested that this rejection be withdrawn.

Claims 26-32, 35, 41, 43, 45, and 47-49 are rejected under 35 USC 103(a) as being unpatentable over Mathews et al. in view of Dogov et al. This is respectfully traversed.

The methods disclosed in these references do not make the claimed invention obvious. In the method claimed in this application, the internal induction processes occurring in an explant in response to a wound caused by separating an explant from the leaf disk.

The method claimed makes it possible to enhance the level of induced resistance formed in an explant due to the use of time intervals between the first and the second steps of separating the explants from each other. During this time interval (1 to 5 days) one side of the explant "is healed" by proteins and enzymes induced not only at the site of wounding. According to the method claimed, the final separation of an explant from a leaf is carried out upon completion of regeneration of the rear side of the explant.

The inventors claim that the final separation of the explant upon a certain time interval makes it possible to use the internal induction processes resulting from the wound shaping and aiming at maintaining stability and lowering necrosis of cells and somatic variations. There are provided examples of genetic engineering constructs that enable one to transform a selected plant in accordance with predetermined tasks.

The experimental data show that the stepwise procedure of preparing explants lowers the level of necrosis in explants and enhances the efficiency of the method (see the Original Description Example I, Fig. 3) As seen from the graph in Fig. 3, the level of necrosis is reduced upon the stepwise and consecutive procedure of separating explants formed in lots A1 to A5, wherein each explant is separated from the remaining disk segment after incubation thereof for 1 to 5 days to allow for the transformation of plant cells with agrobacteria at the sites of fresh woundings. It should be noted that the transformation was carried out with a vector construct with no PR protein genes. Hence, the decrease in necrotic phenomena and enhancement of the transformation efficiency are not achieved due to the protective protein genes, e.g., PR protein genes, transferred to explants cells, but result from the

stepwise inoculation of the plant material during the agrobacterial transformation.

This is also evidence that during the stepwise treatment of explants an induced resistance to abiotic and biotic stresses is formed due to the inner protective mechanisms of plant cells. The results obtained show the non-obviousness of the claimed technical solution comprising the stepwise treatment of plant material during agrobacterial transformation and distinguishes the present method from methods of agrobacterial transformation of plants is distinguished and not obvious from the cited art.

Figures 1-3, attached, show photographs of a non-transgenic plant of the *Selekta* variety (Fig. 1), a transgenic line with a deviation (Fig. 2), and a transgenic line having no deviations (Fig. 3). To produce transgenic lines having no deviations, it is necessary at the stage of transformation and preparation of explants to reduce the necrosis rate, since necrosis leads to inhibition of plant transformation, and regeneration passes the stage of callus formation. On account of callus formation, regeneration lasts several months and the number of deviations in a transgenic plant increases.

In the claimed method, the degree of necrosis was controlled visually and by means of a CUS expression with staining the explants. For explants lots with reduced necrosis, a higher transient GUS expression (blue colour) is observed (Fig. 4). For lots with reduced necrosis, the proportion of explants, wherein direct regeneration occurs, is higher as compared with lots with increased callus formation. Due to direct regeneration, properties of a genotype remain unchanged and the frequency of somaclonal deviations decreases. The invention permits lowering a proportion of plants with somaclonal deviations to 30%, which is half as that upon using standard methods known from the patent and scientific literature.

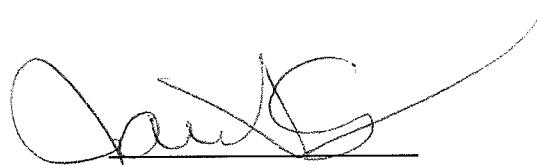
Therefore, it is respectfully requested that this rejection be withdrawn.

It is submitted that the claims are in condition for allowance.

If any fees are due they may be charged to deposit account 12-0425.

Questions regarding this response may be directed to the undersigned.

Respectfully submitted,



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Strawberry Varieties

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From Vanessa Higgins

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The 600 strawberry varieties found today stem from five or six original wild species and are a member of the rose family. Sample different varieties at your local farmers market. You'll be surprised how different they are in shape, color and taste. Typically, the larger the berry, the more water it contains, the smaller the berry, the greater the intensity of flavor. For the most local of treats, nothing beats the flavor of strawberries picked fresh from your garden.

Albion

Albions have darker fruit color, both internally and externally, and a consistently sweeter flavor than most strawberries.

Alpine Strawberry

Alpine Strawberry (fraises des bois) is the tiny and exquisitely sweet wild strawberry of France. These little jewels aren't much larger than a small fingernail, but are gigantic on flavor.

Aroma

Aromas have large, firm fruit has great flavor, with good color and a bright sheen.

Camino Real

Camino Real has firm, dark red fruit with a long shelf life and good flavor.

Diamante

Diamante is a large, flavorful, firm fruit with a bright red sheen.

Earliglow

Earliglow are early producing, medium-sized strawberries with fantastic flavor. They are considered the best flavored of all the widely grown commercial varieties.

Everbearer

Everbearer are large and bright scarlet red, have firm flesh, plenty of juice, and a delightful sweet flavor.

Fragaria virginiana

Fragaria virginiana (wild strawberry) are small juicy, delicious red strawberries that are much richer in flavor than the commercial varieties found in stores today.

Garden Strawberry

Garden Strawberry is the most common U.S. variety. It is a large, hardy berry that has a recognized traditional strawberry flavor.

Rosa Linda

About.com Local Foods

Strawberry Varieties

From Albions to Ventanas

From Vanessa Higgins

The 600 strawberry varieties found today stem from five or six original wild species and are a member of the rose family. Sample different varieties at your local farmers market. You'll be surprised how different they are in shape, color and taste. Typically, the larger the berry, the more water it contains, the smaller the berry, the greater the intensity of flavor. For the most local of treats, nothing beats the flavor of strawberries picked fresh from your garden.

Seascape

Seascape is a superior strawberry that is large, sweet, and hardy with superb flavor.

Sweet Charlie

Sweet Charlie is orange-red on the outside and orange streaked with white in the inside with a distinctly sweet flavor due to a high sugar-to-acid ratio.

Ventana

Ventana has bright red fruit, slightly lighter in color, a good flavor, standard shape, and large size with excellent fruit quality.

This About.com page has been optimized for print. To view this page in its original form, please visit:

<http://localfoods.about.com/od/spring/tp/Strawberry-Varieties.01.htm>

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List of strawberry genotypes in the database (for some genotypes we do not have any data and the name kept in the database to complete the pedigree of the others).

Strawberry genotypes:

102Y11	MOLLALA
120E20	MONMOUTH
18B34	MONTANA PROGRESSIVE
18F41	MONTROSE
19F49	MORIOKA 17
27P45	MR BIG
2B12	MRAK
38P604282	MUIR
39B30	NANCY LEE
3C11	NARCISSA
69EW30	NC 1768
69GU76	NC1053
6A49	NC1065
6B45	NC1768
7191	NECTARENA
71M59	NEDSPRIDE
71WC64	NEET(ROBINSON)
73M28	NEW VICTORIA
74M53	NICH OHMER
9A641177	NISQUALLY
ABERDEEN	NJ2363-4
ACADIA	NJ4127
ADA HERZBERG	NJ72
ADDIE	NJ8607-2
ADIRONDACK	NJ8614-2
AGA	NJ8826-11
AGASSIZ	NJ925
AIKO	NJ953
ALAMO	NOBLE
ALASKA PIONEER	NOKOMIS
ALBRITTON	NORTHEASTER
ALCATRAZ	NORTHERNER
ALEXANDRIA	NORTHLAND
ALISO	NORTHSTAR
ALL SEASON	NORTHWEST

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ALLSTAR	NOTLEY
ALPINE	NY 1324
ALPINE STRAWBERRY	NY 1424
AMBROSIA LATE	NY 1425
ANAHEIM	NY 1529
ANNAPOLIS	NY 1593
ANNELIE	NY 4626
APOLLO	NY1123
APOTOS	NY1221
ARAPAHOE	NY1261
ARCH RED	ny1324
ARKING	ny1529
ARMORE	NY254
AROMA	NY316
ARROWHEAD	NY4626
ASIETA	NY844
ATHENA	NYE58
ATLAS	NYUS 113
AUCHINCRUIVE 6	NYUS119
AUCHINCRUIVE CLIMAX	OAC ST.CLAIR
B10	OAK HILL SPECIAL
BADGERBELLE	OBERSCHLESIEN
BADGERGLO	OGALLALA
BANNER	OKA 
BARON VON SOLEMACHER	OLGA PETROVA
BEACON	OLYMPUS
BEAVER	ORE46
BELLMAR	OREGON SELECTION
BELRUBI	ORION
BENIZURU	ORLAND
BENTON	OSHKOSH
BERRI-SUPREME	OSO GRANDE
BERRY SWEET	OSTARA
BISMARCK*	OUR OWN
BLACK LEE	OUROWN
BLACKMORE	OZARK BEAUTY
BLAKEMORE	PAJARO
BLAZE	PAMM ANN
BLISS	PAN AMERICAN
BLOMIDON	PANDORA

TOP

BOGOTA	PANTAGRUELLA
BOONEMORE	PARFAITE
BOQUET	PARISH PERFECT
BORDEN	PARKER
BOUNTIFUL	PARKER (2)
BOUNTY	PARKLAND
BRANFORD	PATHFINDER
BRIGHTMORE	PEGASUS
BRIGHTON	PENNHOLM
BRILLIANT(GEM)	PERLE DE PRAGUE
BRIO	PERSIKOVAYA
BRISTOL	PETRINA
BRITISH SOVEREIGN	PHELPS
BRUNES MARVEL	PICKERPROOF
Brunswick	PINEAPPLE
BURGESS	PINEAPPLE CRUSH
BURGUNDY	PIXIE
CA 46.5-1	PLENTIFUL
Cabot	POCAHONTAS
CACAK	POLKA
CAL 13593740	PORTER'S PRIDE
CAL 143.32	PORTIA
CAL 144.2	POTAGOLD
CAL 145.52	PRAIRIE BELLE
CAL 161.1	PRECOSANA
CAL 177.21	PRELUDE
CAL 21.9	PRIMELLA
CAL 222	PRIMETIME
CAL 222.11	PRINCE ALBERT *
CAL 249-5	PROGRESSIVE
CAL 27.20-45	PROTEM
CAL 32-50	PROVIDENCE
CAL 337.3	PUGET BEAUTY
CAL 35.02-5	Q45
CAL 37.20-45	QEB1
CAL 370.14	QEB3
CAL 42.8-16	QSK56
CAL 46.5-1	QSK91
CAL 490.9	QSK92
CAL 53.32-1	QUINAULT
CAL 54.124-2	RABUNDA
CAL 564.6	RADIANCE

CAL 564.7	RAINIER
CAL 58.45-11	RALPH
CAL 59.41-14	RANGER
CAL 6.3	RAPELLA
CAL 63.7-101	RARITAN
CAL 64.57-108	RED GIANT
CAL 65.65-601	RED GOLD
CAL 66.2	RED RICH
CAL 67.5	RED SUGAR
CAL 68.24	RED TITAN
CAL 68.25	REDCHEIF
CAL 7.20	REDCOAT
CAL 72.361-105	REDCREST
CAL 752.23	REDCROP
CAL 794.19	REDGAUNTLET
CAL 86.6	REDGEM
CAL Z11	REDGLOW
CAL Z9	REDHEART
CALEDONIA	REDSTAR
CALYPSO	REDWING
CAMAROSA	REGINA
CAMBRIDGE ARISTOCRAT	REMO
CAMBRIDGE EARLY	RENA
CAMBRIDGE EPICURE	REPITA
CAMBRIDGE FAVOURITE	REVADA
CAMBRIDGE FORERUNNER	REWARD
CAMBRIDGE LATE PINE	RHAPSODY
CAMBRIDGE PREMIER	RIDGELY
CAMBRIDGE PRIZEWINNER	RIGANA
CAMBRIDGE REARGUARD	RIOGRANDE
CAMBRIDGE REGENT	ROBINSON
CAMBRIDGE RIVAL	ROBYN
CAMBRIDGE SENTRY	ROCK OF AGES
CAMBRIDGE VIGOUR	ROCKHILL(WAYZATA)
CAMDEN	Rosalyne
CAMPBELL	ROSANNE
CANALL	ROSE ETTERSBURG
CANOCA	Roseberry
CAPITOLA	ROTKAPPCHEN
CARDINAL	ROYAL SOVEREIGN

TOP

CAREZZA	RUEGEN
CARLSBAD	S.1260
CARVER BELL	S543
CASCADE	S68-108
CATALDO	SAANICH BELLE
CATO	Sable
CATSKILL	SALADIN
CAVALIER	SALINAS
CAVENDISH	SANS PAREILLE
CAZ9	SANTANA
CESENA	SAVIO
CHAMBLY ←	SCARFF
CHANDLER ←	SCARLET BEAUTY(ROB.)
CHANTAL	SCHWAB
CHASKA	SCOTLAND
CHEAM	SCOTT
CHEYENNE 2	se
CHEYENNE 3	SEASCAPE
CHIEF BEMIDJI	SECORD
CHURCHILL(LOUISE)	Sel
CITATION	SELEKTA ←
CLARE	SELENE
CLARIBEL	SELKIRK
CLERMONT	SELLA
CLYDE	SELVA
COLEMAN'S PRESIDENT	SENECA
COLUMBIA	SENGA 145
COMET	SENGA 146
CONFITURA	SENGA 188
CORNWALLIS	SENGA 242
CORTINA	SENGA 29
CORVALLIS	SENGA 54
CREAM	SENGA GIGANA
CRESCENT	SENGA PRECOSA
CRIMSON GLOW	SENGA PRECOSANA
CRIMSON KING	SENGA SENGANA
CRIMSON SPRITE	SENTINEL
CRUSADER	SEQUOIA
CRUZ	SETTLER
CUESTA	SHARON
CULVER	SHARPLESS
CUMBERLAND TRIUMPH	SHASTA

TOP

CUPERTINO	SHELTON
CYCLONE	SHUKSAN
DABREAK	SHUSWAP
DANA	SIEGER
DARBOPRIM	SIERRA
DARESTIVAL	SILETZ
DARROW	SILVA
DARSTAR	SILVER JUBILEE
DAYBREAK(LA)	SIMCOE
DAYBREAK(NC)	SIOUX
DEEPHAVEN	SIVETTA
DELITE	SJ8264-6
DELMARVEL	SJ830R-2
DEMERLAND	SJ8416-1
DEUTSCH EVERN	SJ8518-11
DIREKTOR PAUL WALLB*	SJ8518-9
DIXIELAND	SJ866-38
DOMANIL	SJ89103-1
DONNA	SJ89109-12
DONNER	SJ8911-1
DORSETT	SJ8916-50
DOUGLAS	SJ89210-6
DOVER	SJ89211-7
DRESDEN	SJ89227-1
DRY WEATHER	SJ89228-2
DULCITA	SJ89264-6
DULUTH	SJ89279-12
DUNLAP	SJ89282-20
DURETTA	SJ89288-2
EARLE FELTEN	SJ8942-8
EARLEE	SJ8976-1
EARLIBELLE	SJ8995-8
EARLIDAWN	SJ911-112
EARLIGLOW	SJ911-113
EARLIMISS	SJ911-128
EARLIMORE	SJ911-134
EARLY CAMBRIDGE	SJ911-140
EARLY CHEYENNE 1	SJ911-252
EARLY DAVIS	SJ911-329
EASYPICKER	SJ931-4
EB18	SJ931-77
EB453	SJ9312-64

EB693	SJ9313-335
EDEN	SJ9314-117
ELEANOR ROOSEVELT	SJ9314-120
ELGIN	SJ9314-126
ELINOR	SJ9314-17
ELISTA	SJ9314-20
ELSANTA	SJ9314-45
ELVIRA	SJ9314-52
EM208	SJ9314-77
EM319	SJ932-131
EM341	SJ932-134
EM372	SJ932-29
EM396	SJ932-75
EM426	SJ932-92
EMPIRE	SJ9321-1
EMPIRE ALL RED	SJ9324-10
EMPIRE STATE	SJ9327-18
ENZED LEVIN	SJ9327-20
ERIE	SJ9327-31
ERIS	SJ9327-33
EROS	SJ9328-39
ES318	SJ9329-3
ES467	SJ9330-15
ES608	SJ9330-36
ES880	SJ9330-75
ESSEX	SJ9332-134
ESTEEM	SJ9332-32
ETNA	SJ9332-59
ETTERSBURG 20	SJ9332-7
ETTERSBURG 450	SJ9335-18
ETTERSBURG 80	SJ9335-24
EURESKO	SJ9335-26
EVA MACHERAUCH	SJ9335-8
Evangeline	SJ9336-18
EVERMORE	SJ9336-27
EVITA	SJ9337-24
FAIRFAX	SJ934-65
FAIRLAND	SJ9345-3
FAIRMORE	SJ9346-20
FAIRPEAKE	SJ9346-23
FAM88-3	SJ9351-36
FAM88-4	SJ937-3

TOP

FANIL	SJ937-4
FAVETTE	SJ937-5
FB-1	SJ937-8
FENDALCINO	SJ939-111
FERN	SJ939-38
FERRARA	SJ939-71
FIESTA	SJ941-2
FLETCHER	SJ941-3
FLORIDA BELLE	SJ961-2
FLORIDA NINETY	SJ9616-1
FORT LARAMIE	SJO9611-23
FORTUNE	SJO9611-24
FRANCESCO	SJO9611-25
FRAU MIEZE SCHINDLER	SJO9611-30
FREJA	SJO9611-33
FRESNO	SJO9611-39
FRONTENAC	SJO9611-49
FROST PROOF	SJO9611-52
FUKUBA	SJO9611-59
FULTON	SJO9611-60
GALA	SJO9611-62
GARDENA	SJO9611-70
GARIGUETTE	SJO9611-78
GARNET	SJO9611-85
GARTENBAUDIREKTOR L*	SJO9611-90
GEA	SJO9614-2
GÉANT FRAMBOISÉ	SJO9614-4
GEM EVERBEARING(GEM)	SJO9614-9
GEM(SUPERFECTION)	SJO9616-104
GEMZATA	SJO9616-33
GENEVA	SJO9616-65
GEORG SOLTWEDEL	SJO9616-76
GERIDA	SJO9618-22
GIANT GEM(GEM)	SJO9618-29
GILBERT	SJO9619-135
GLAMOUR	SJO9619-146
GLASA	SJO9619-228
GLEN	SJO9619-232
GLENALICE	SJO9619-70
GLENCISS	SJO9620-106
GLENDAA	SJO9620-109
GLENHEART	SJO9620-114

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GLENMAN	SJO9620-12
GLENMORE	SJO9620-140
GLENRICH	SJO9620-146
GLIMA	SJO9620-147
GLOOSCAP	SJO9620-15
GOLD HEART	SJO9620-154
GOLDEN ALPINE	SJO9620-16
GOLDEN GATE	SJO9620-17
GOLDEN SPRITE	sjo9620-23
GOLDSMITH	SJO9620-25
GORELLA	SJO9620-30
GOVERNOR SIMCOE	SJO9620-31
GRAND CHAMPION	SJO9620-56
GREAT BAY	SJO9620-59
GREEN MOUNTAIN	sjo9620-6
GREEN PROLIFIC	SJO9620-67
GRENADIER	SJO9620-69
GU66Q50	SJO9620-76
GUARDIAN	SJO9620-79
GUARDSMAN	SJO9620-96
GUELPH S01	SJO9620-97
GUELPH S02	SJO9622-102
HAPIL	SJO9622-11
HARUNOKA	SJO9622-110
HARUYOI	SJO9622-116
HARZLAND	SJO9622-118
HAVERLAND	SJO9622-126
HEADLINER	SJO9622-139
HEBRON	SJO9622-40
HECKER	SJO9622-53
HEDLEY	SJO9622-56
HEIDI	SJO9622-61
HELLA	SJO9624-12
HERA	SJO9624-13
HERZBERG'S TRIUMPH	SJO9624-15
HILCREST	SJO9624-26
HIMIKO	SJO9624-5
HOKOWASE	SJO9625-1
HOLIDAY	SJO9625-23
HONEOYE	SJO9625-25
HONEY	SJO9625-32
HONEY LUMP	SJO9625-47

TOP

TOP

HOOD	SJO9625-49
HOVEY	SJO9625-59
HOWARD 1	SJO9625-61
HOWARD 103	SJO9625-68
HOWARD 17(PREMIER)	SJO9625-86
HOWARD 4	SJO9627-18
HOWARD SUPREME	SJO9627-42
HOWE	SJO9627-62
HUMMI FERMA	SJO9627-82
HUMMI GENTO	SJO9627-84
HUMMI GRANDE	SJO9627-89
HUMMI-TRISCA	SJO9627-92
HUXLEY	SJO9628-10
HYBR. INCONNUE NO.11	SJO9628-35
HYBR. INCONNUE NO.3	SJO9628-6
HYBRID D	SJO9628-63
IA 3-7145	SJO9628-69
IA 3-7165	SJO9628-70
IDIL	SJO9628-9
INDRA	SJO965-12
INDUKA	SJO965-2
INSTITUTE D4	SJO965-7
INSTITUTE E2	SJO965-8
INSTITUTE E5	SNOW KING
INSTITUTE X2	SOLANA
INSTITUTE Z4	SOLVETA
IRVINE	SONJANA
JACKWARDS EARLY	SOQUEL
JERSEYBELLE	SOUTHLAND
JEWEL	SOUVENIR DE CHARLES
JIM	SPARKLE
JOAN	SPARTA
JOHN	SPLENDIDA
Joliette SJ89288-2	St-Clair
JONSOK	ST-WILLIAMS
JOYCE	STARBRIGHT
JUBILEE	STARKRIMSON
JULYMORN	STARTLER
JUMBO	STARTYME
JUNCUNDA	STELEMASTER
JUNE ROCKHILL	STOPLIGHT
JUNIMORGAN	STRAFFORD

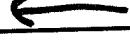
TOP

JUPITER	STRAIN 7
JUSPA	STREAMLINER
K60-98	SULTAN
K61-87	SUMAS
K68-58	SUMMERBERRY
K71-8	SUMNER
K72-4	SUNRISE
K74-21	SUNSET
K74-5	SUPER SIMMEN
K75-13	SUPERFECTION(GEM)
K76-3	SURECROP
K83-3	SURPRISE DES HALLES
KAISER SAMLING	SUWANNEE
KALICENE	SWEET CHARLIE
KANNER KING	SWEETHEART
KARDINAL KING(ROBI.)	SYMPHONY
KARINA	SYS3612-179
KARMYN	SYS3672-179
KAROLA	TA11
KASUGA	TAGO
KELLOGG BEAUTY*	TAHOE
KENT	TAKANE
KING	TALISMAN
KLONDIKE	TAMELLA
KLONMORE	TANGI
KOGYOKU	TANGO
KONVOY	TANTALLON
KORONA	TARDA VICODA
KRISTINA	TD8
L'Authentique Oréans	TEMPLAR
Lacadie	TEMPLE
LAGUNA	TENDERSWEET
LASSEN	TENIRA
LATEGLOW	TENNESSEAN
LAVO	TENNESSEE BEAUTY
LAXTON'S NOBLE	TENNESSEE SHIPPER
LEE TEAGUE	TENNESSEE SUPREME
LEMAN (DADDY LEMAN)	TETHIS
LESTER	THE SUN
LIHAMMA	THURIGA
LINCOLN	TILLIKUM
LINDALICIOUS	TIOGA

TOP

LINN	TITAN
LITESSA	TORO
LOCKE LAKE RUBY	TORREY
LOUISE(CHURCHILL)	TOTEM
LUCIDA PERFEKTA	TRAILBLAZER
LULU	TRIBUTE
LUNIK	TRISTAR
LUSCIOUS RED	TROUBADOUR
LUSTRE	TRUMPETER
MACHERAUCH DAUERERNTE	TUFTS
MACHERAUCH'S DAUERE*	TUPPER
MACHERAUCH'S FRUHER*	TWENTIETH CENTURY
MACHERAUCH'S MARIEVA	TYEE
MACHERAUCH'S SPATER*	ULRICH
MACKENZIE	ULRICH IMPERIAL
MADAME CHAVEROT	UNCLE CAP
MADAME LEFEBVRE M49	US 3358
MADAME LEFEBVRE*	US 4127
MADAME MOUTOT	US 4144
MAE	US 4152
MAGOON	US 4419
MAINE 55	USDA 253
MAJESTIC	USDA 543
MAJORAL	USDA 634
MARIEVA	UTAH SHIPPER
MARION BELL	V 7251-1
MARLATE	V6701-4
MARMION	V7294-2
MARMOLADA	V7705-3
MARS	VALE
MARSHALL	VALENTINE
MARVEL	VALETA
MASSEY	VAN DEMON
MASTERPIECE	VANDYKE
MASTODON	VANGUARD
MAYTIME	VANROUGE
MCCLINTOCK	VANTAGE
MDUS 1972	VEEGEM
MDUS 2188	VEEGLOW
MDUS 2357	VEESTAR
MDUS 2611	VERMILION

TOP

MDUS 2650	VESPER
MDUS 2713	VIBRANT
MDUS 2905	VIGERLA
MDUS 3082	VISTA
MDUS 3364	VOLA
MDUS 3413	VON HUMBOLDT
MDUS 3861	WASHINGTON
MDUS 4258	WAYBRIGHT
MDUS 4377	WAYZATA(ROCKHILL)
MDUS 4380	WELCH LATE
MDUS 683	WHAT A FLAVOR
MELODY	WILD FLAVOR
MERRIMACK	WILTGUARD
MERTON DAWN	WINE DARK
MERTON HERALD	WISCONSIN 214
MERTON PRICE	WISCONSIN 261
MERTON PRINCESS	WISCONSIN QUEEN
MERTON RUBY	WONDERBEARING
Micmac	WRAY RED
MIDLAND	WRIGHT
MIDWAY	WSU685
MIGNONETTE	WYONA
MILDREN FELTEN	X652
MIMEK	XENION
MINN SYS305-46	YACHIYO
MINNEHAHA	Yamaska 
MINNESOTA	YDUN
Mira	YELLOW WONDER
MIRANDA	YOLO
MIRIFICA	YORKSHIRE
MISS UTAH	ZENITH
MISSIONARY	ZEPHIR
MITIASOME	
MOHAWK	